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FIG. 1A

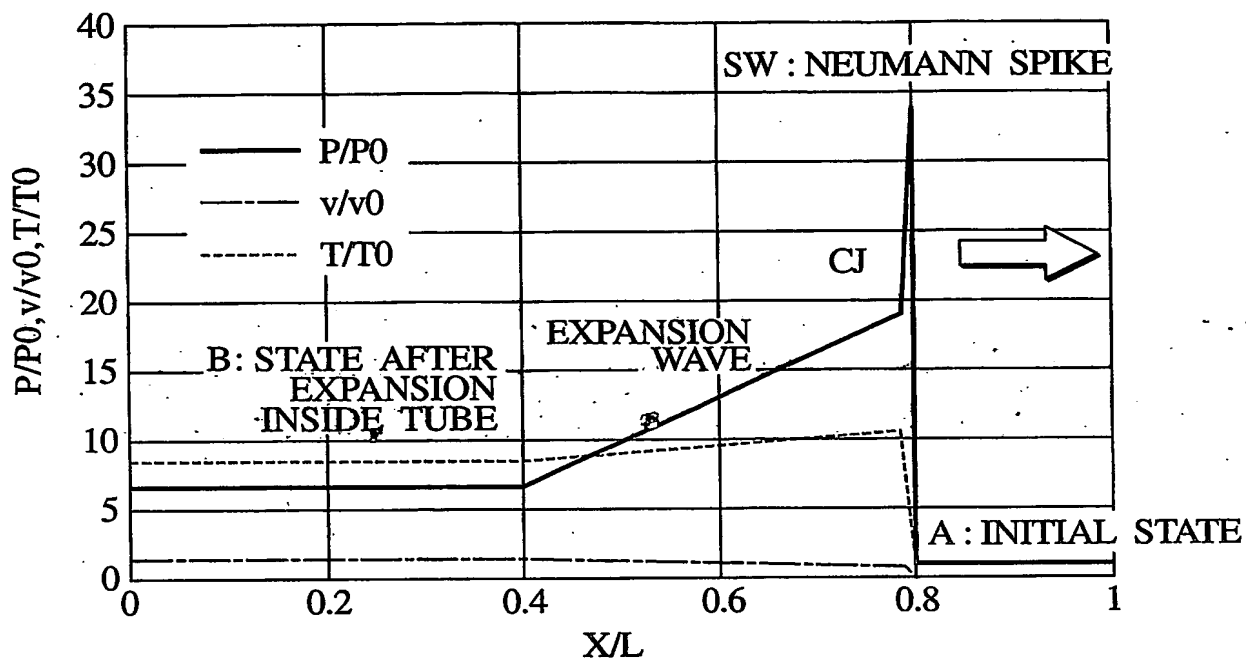


FIG. 1B

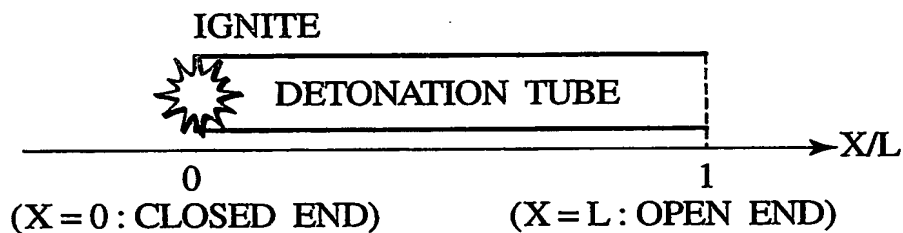
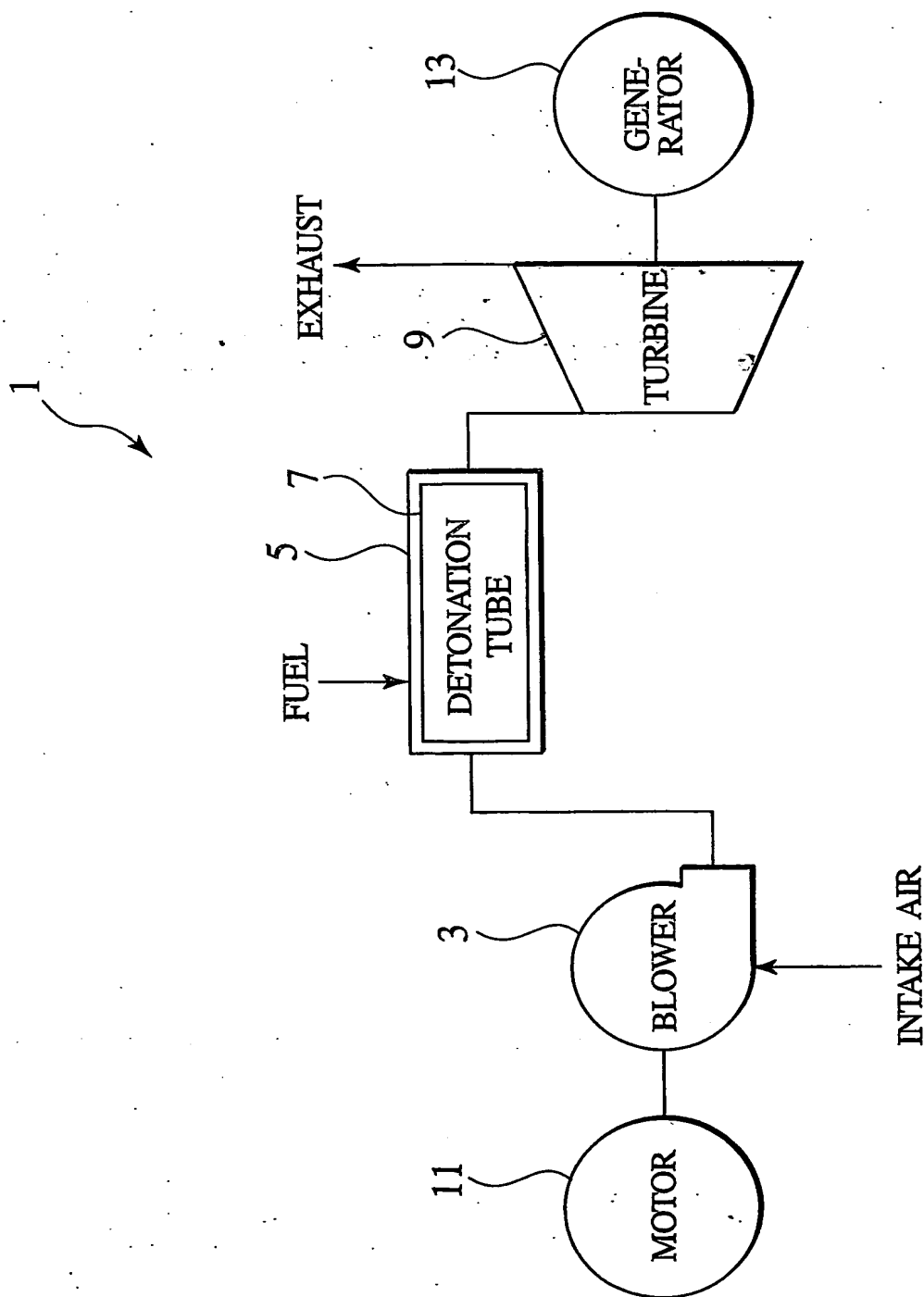


FIG. 1C

LOCATION	A	SW	CJ	B	C
	INITIAL STATE	AFTER SHOCK WAVE	CJ STATE	AFTER EXPANSION INSIDE TUBE	AFTER EXPANSION OUTSIDE TUBE
P/P_0	1	33.9	19.1	6.7	1
v/v_0	1	0.20	0.55	1.27	5.69
T/T_0	1	6.6	10.5	8.5	5.7
$T[K]$	298	1971	3130	2523	1696

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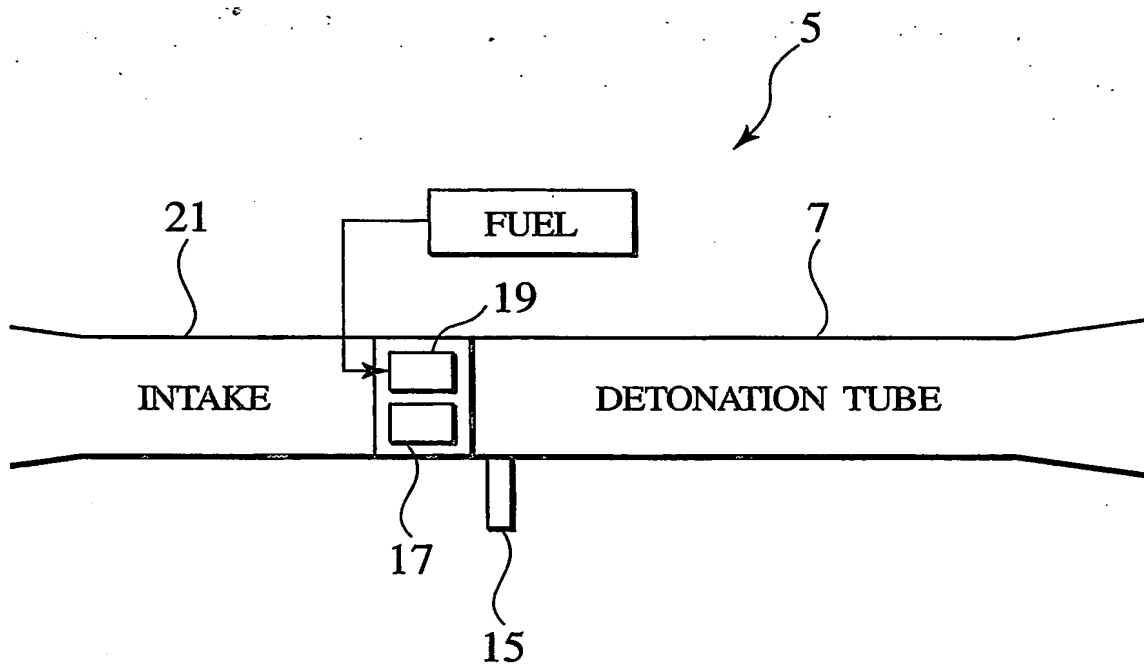
FIG. 2



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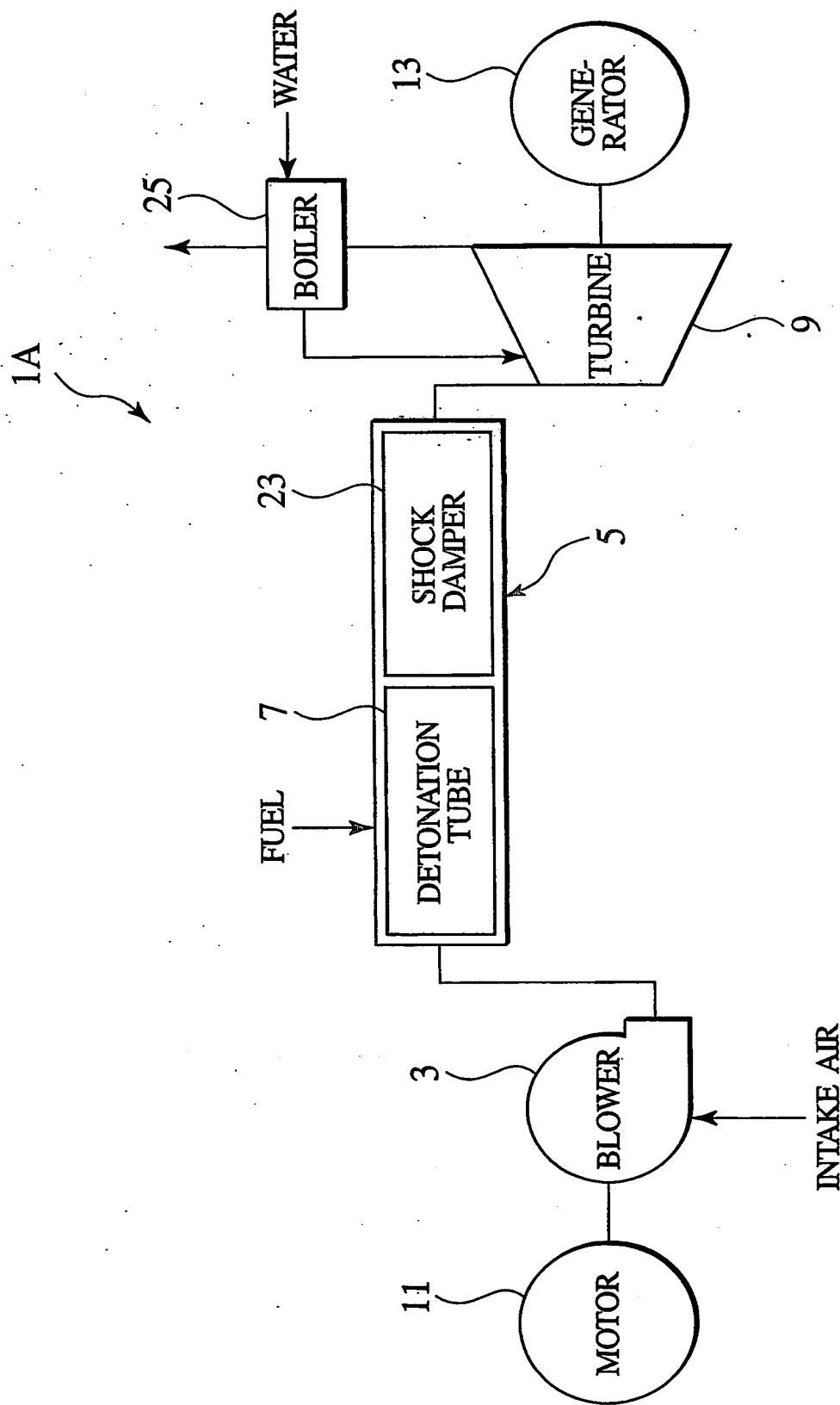
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FIG. 3



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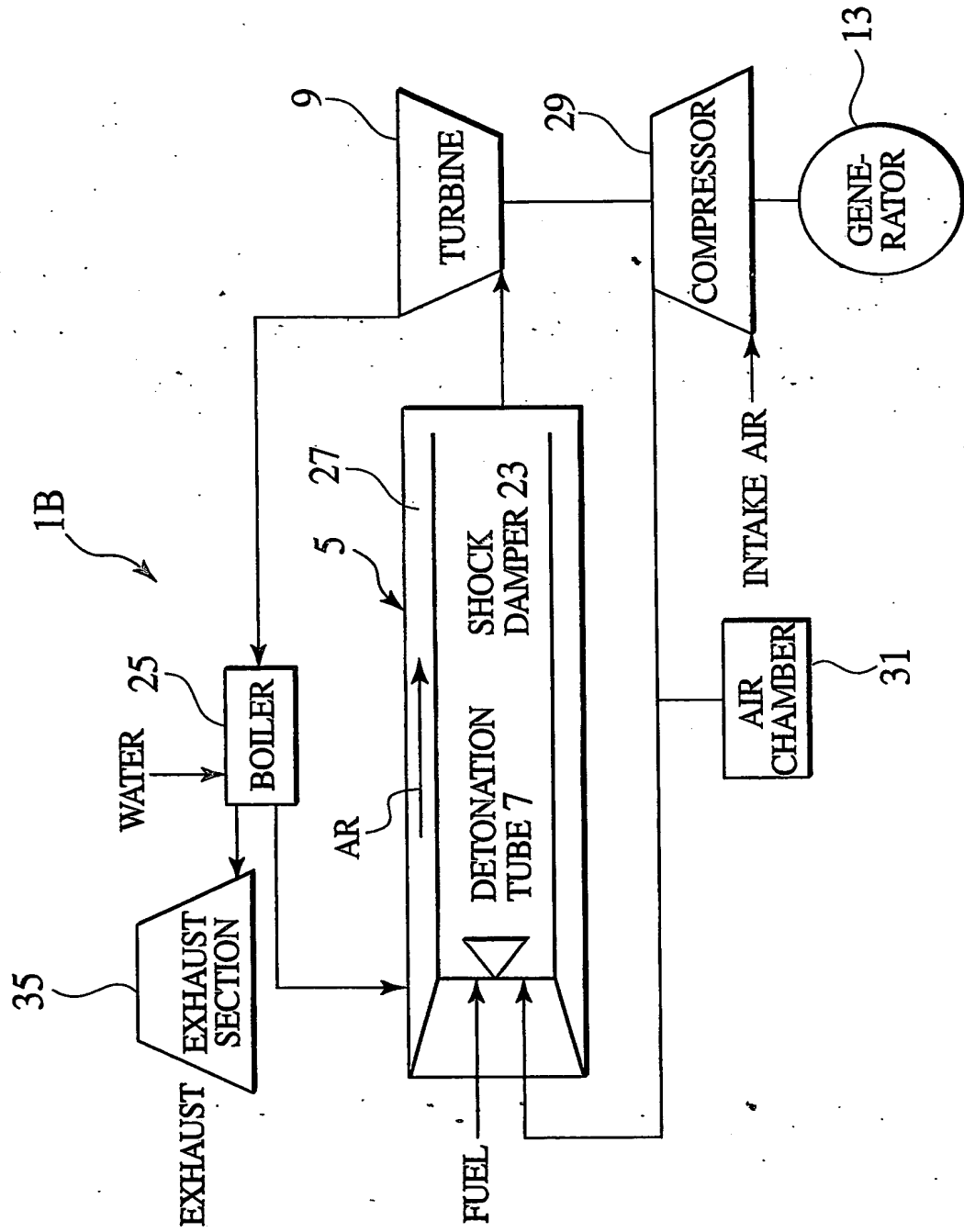
FIG. 4



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FIG. 5



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FIG. 6A

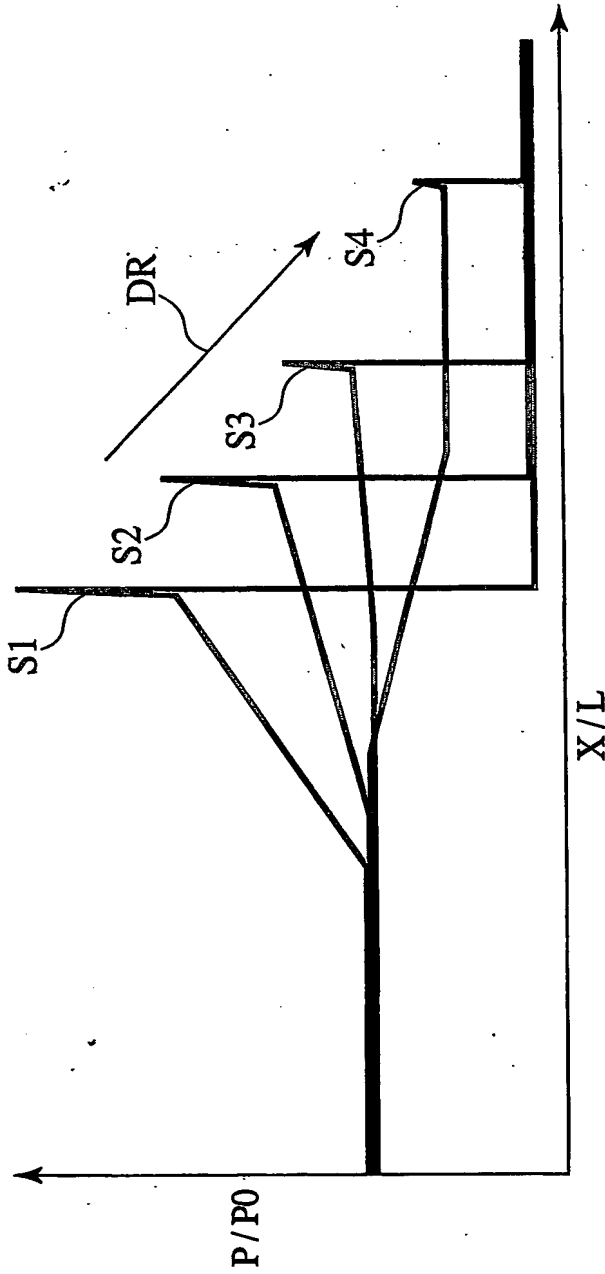
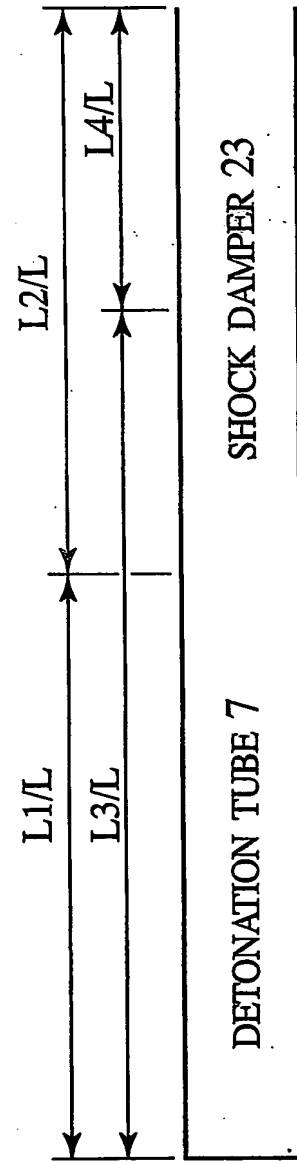


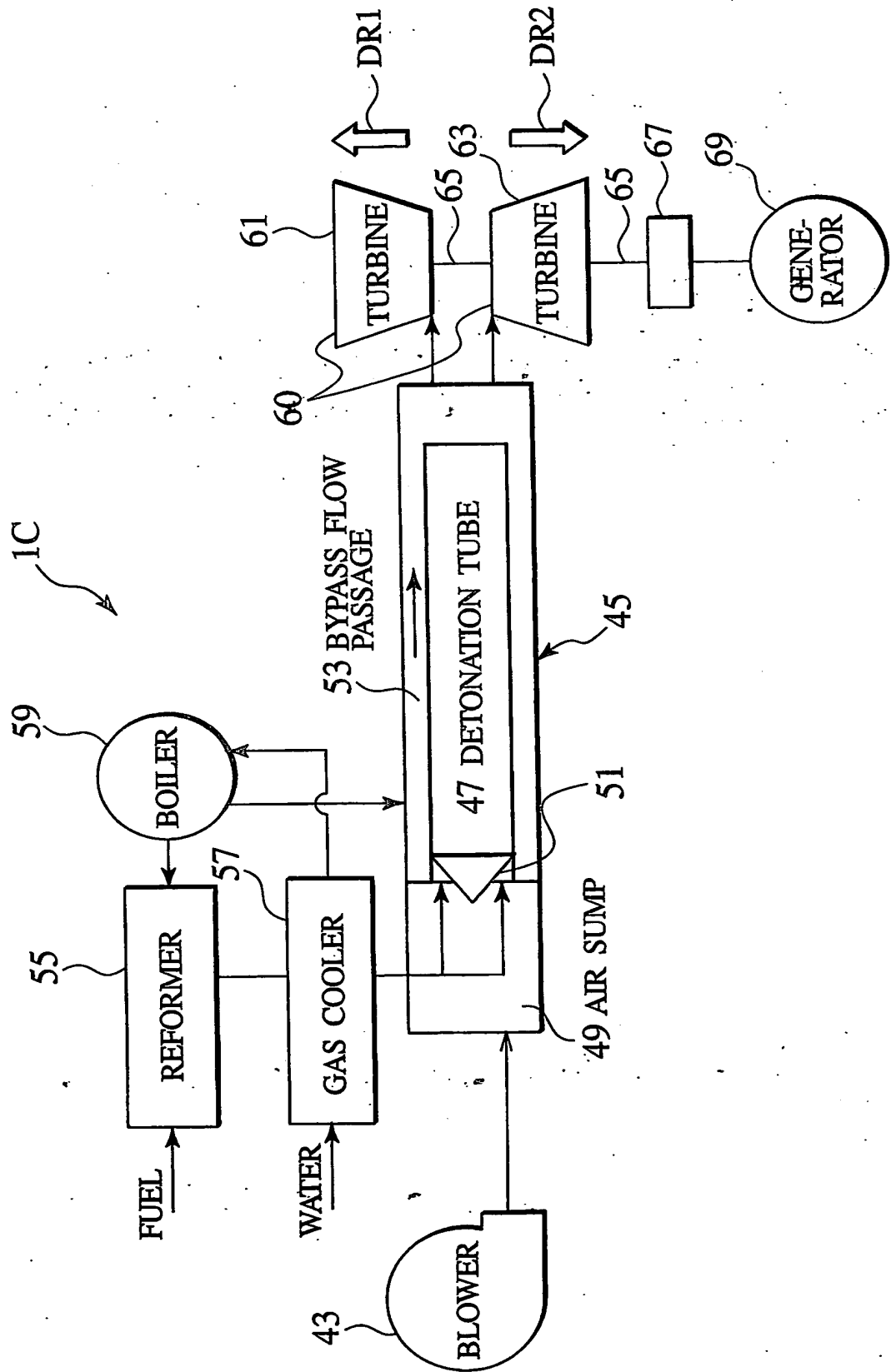
FIG. 6B



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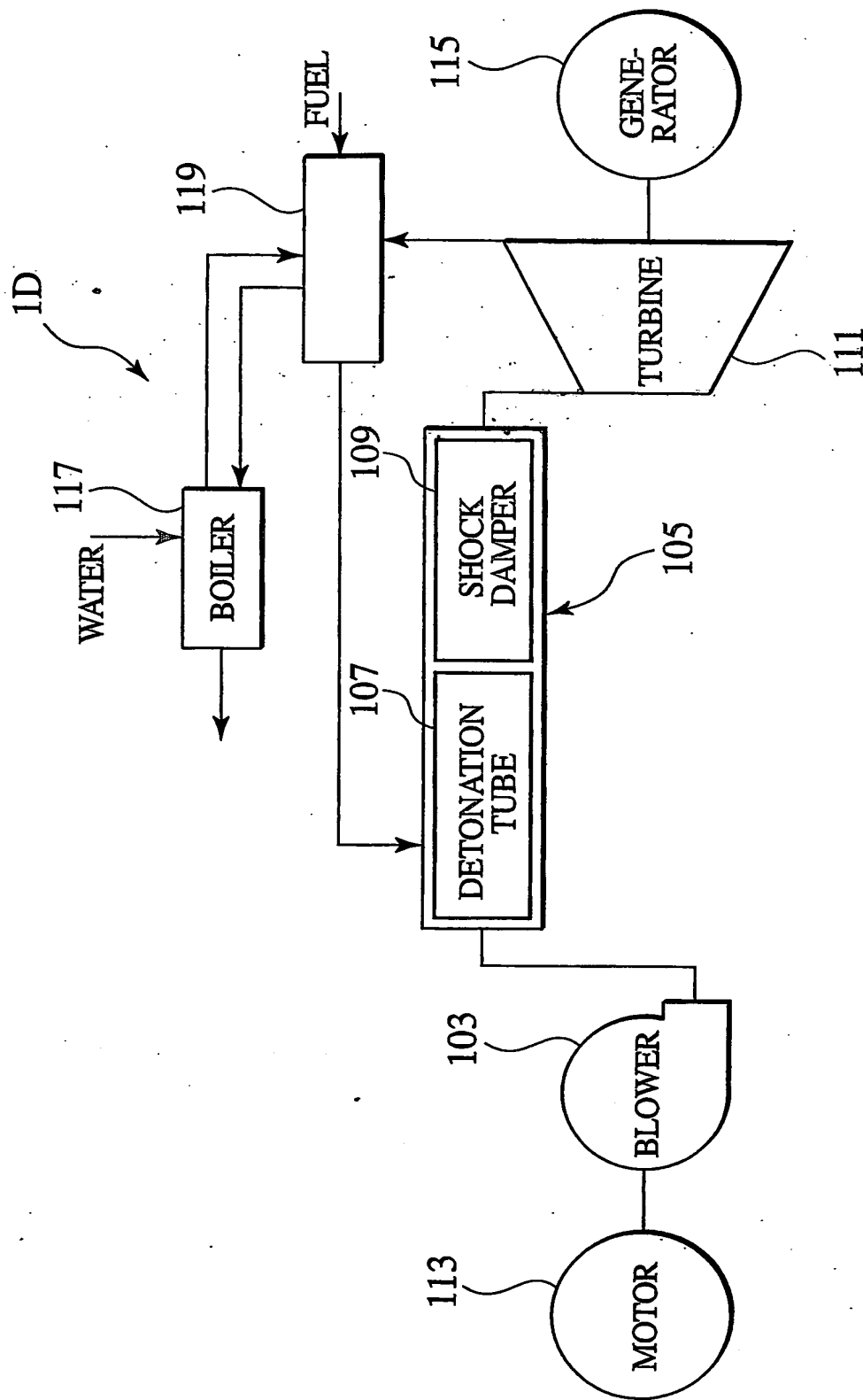
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FIG. 7



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FIG. 8



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FIG. 9

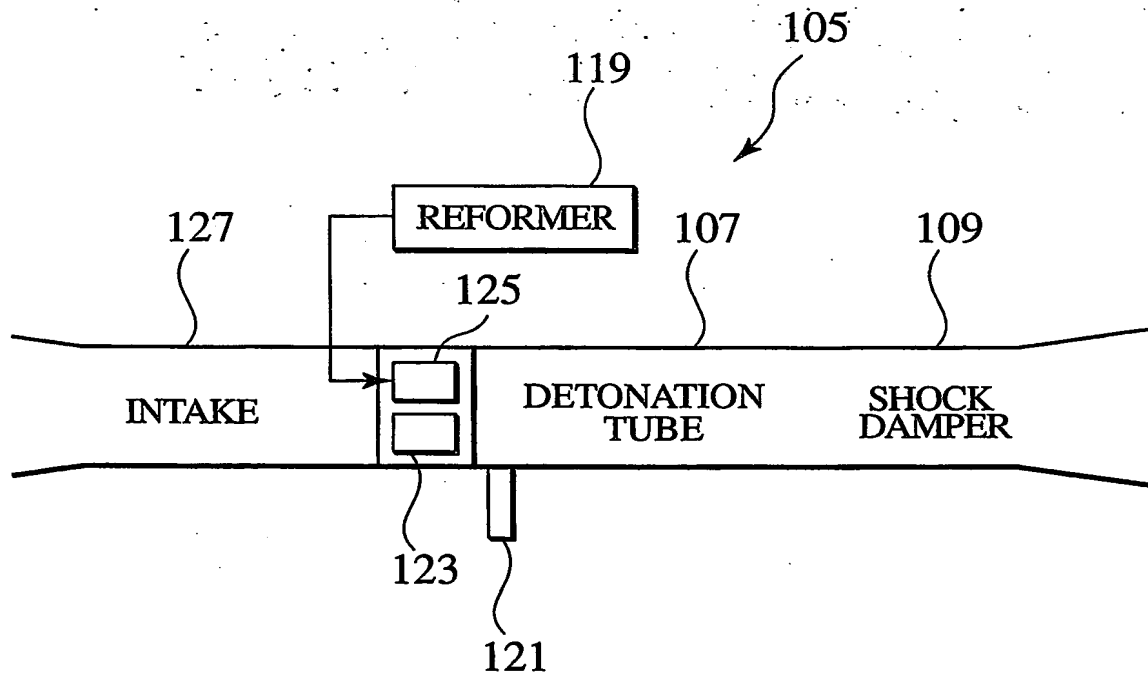
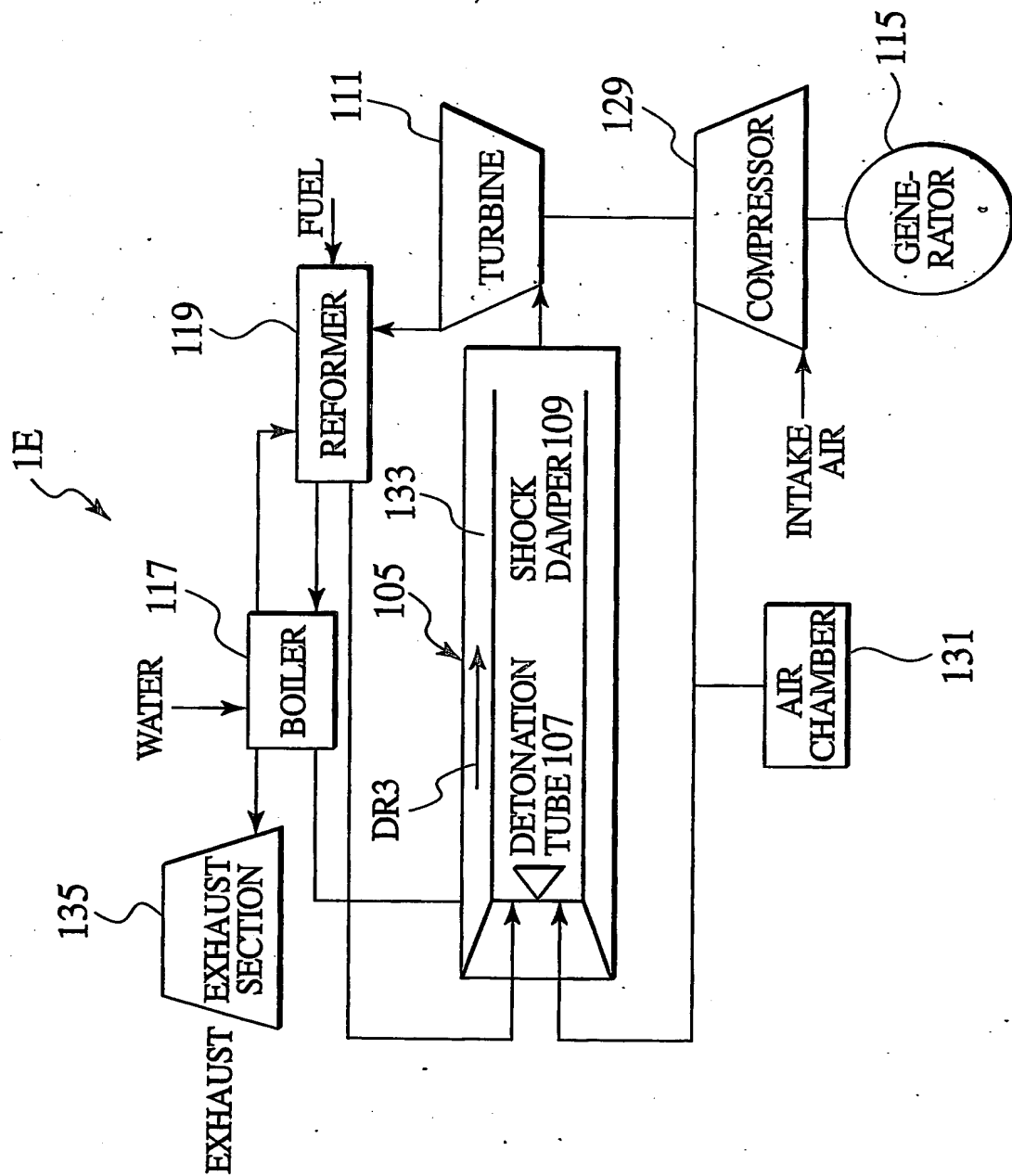
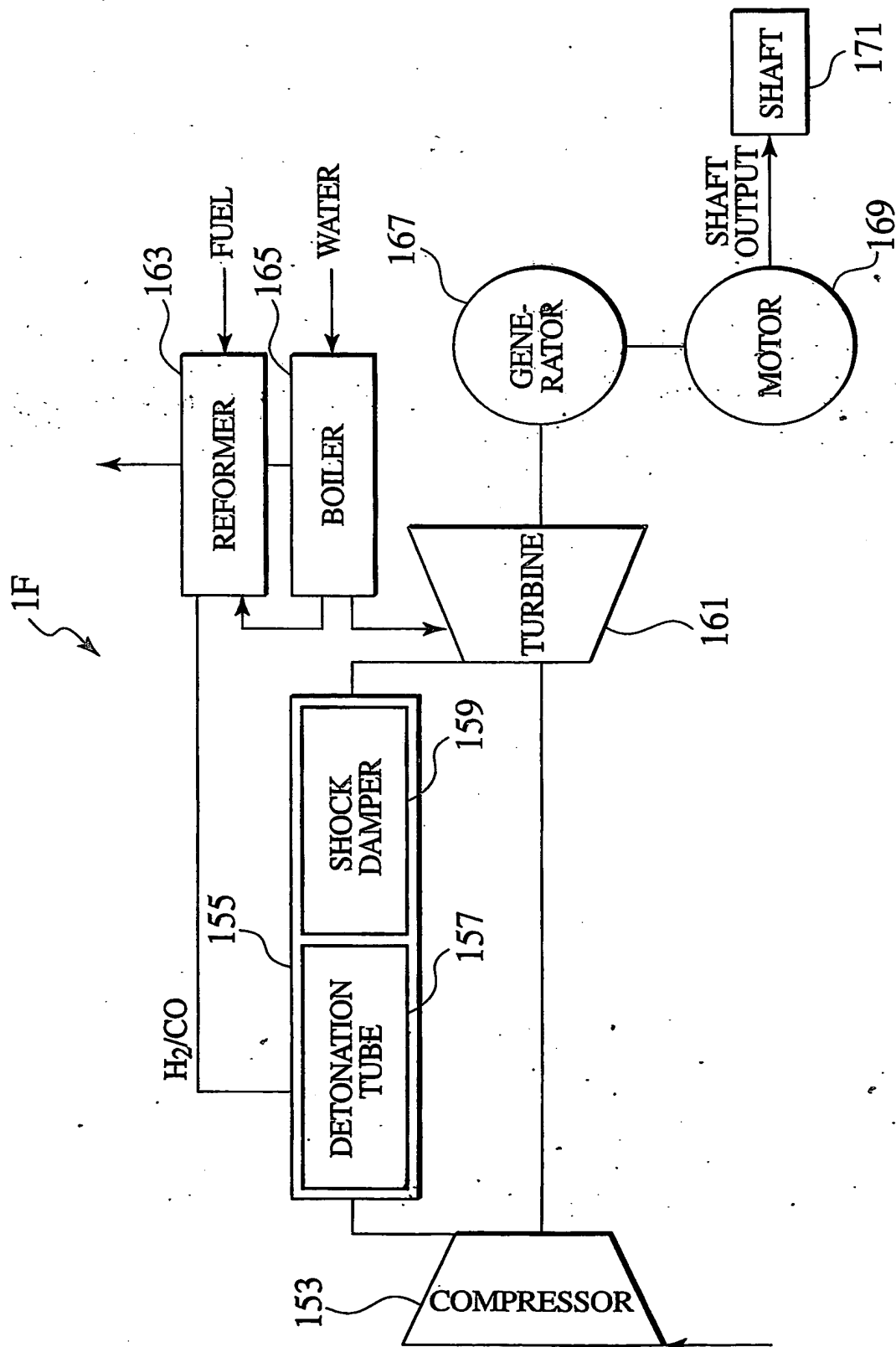


FIG. 10



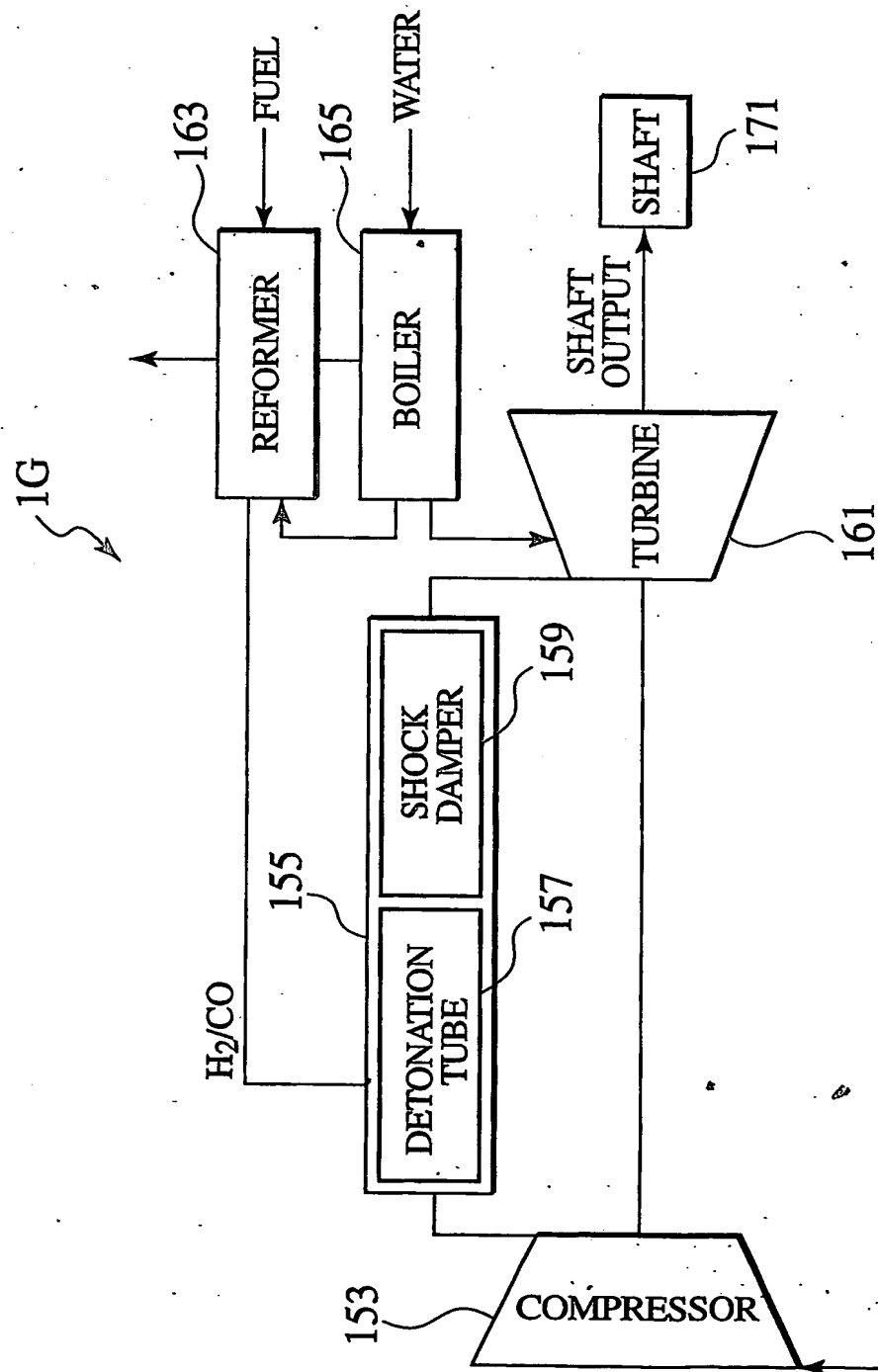
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FIG. 11



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FIG. 12



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